

*b2*  
10

a solvent that is liquid at room temperature.

1        14. (Amended) Ink comprising:

2              a copolymer particle that has a glass transition point less than or equal to 50 °C and a volume  
3              average particle diameter ranging from 0.01 through 2  $\mu\text{m}$  obtained from a radical polymeric  
4              monomer consisting essentially of:

5              (a) 20 through 99 wt% of styrene and styrene derivative;

6              *SUR C47* (b) 10 through 80 wt% of alkyl acrylate, alkyl methacrylate and derivatives of alkyl  
7              acrylate and alkyl methacrylate; and

8              (c) 1 wt % or more of polymeric monomer including a polar group;

9              a colorant; and

10             a solvent that is liquid at room temperature.

1        16. (Amended) An ink cartridge including a case and ink which is stored in said case and  
2           comprises:

3              *SUR C5* a copolymer particle that has a glass transition point less than or equal to 50 °C and a volume  
4              average particle diameter ranging from 0.01 through 2  $\mu\text{m}$  obtained from a radical polymeric  
5              monomer consisting essentially of:

6              (a) 20 through 99 wt% of styrene and styrene derivative; and

7              (b) 10 through 80 wt% of alkyl acrylate, alkyl methacrylate and derivatives of alkyl  
8              acrylate and alkyl methacrylate; and

*1 Sub* 17. (Amended) A recording device including a head and an ink cartridge supplying ink to  
*2 C5* said head, wherein said ink comprises:

a copolymer particle that has a glass transition point less than or equal to 50 °C and a volume  
particle diameter ranging from 0.01 through 2  $\mu\text{m}$  obtained from a radical polymeric  
mer consisting essentially of: